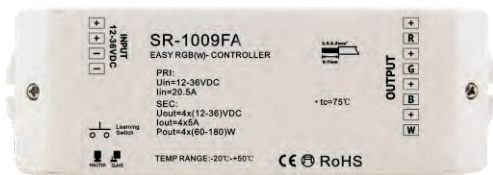


SR-2819&SR-1009XX RGBW remote controller User Manual

Picture of remote and receiver



Remote: SR-2819



Receiver: SR-1009FA

Brief introduction

SR-2819 RGBW remote controller has 6 different zones. It can get Red/ Green/ Blue/ White color directly. The remote controller can save up to 6 colors or 6 modes into corresponding buttons (1-6 positions) for each zone.

You can choose any color through color wheel. you can set the system as RGB 3-channel output, or RGBW 4-channel output

Performance Parameter

2.1 Sender: (SR-2819)

Operation voltage: 3.6VDC

Operation frequency: 434MHZ / 868MHZ

Battery: load 3pcs 7 AAA (1.5V) batteries

2.2 Receiver: (SR-1009FA/ SR-1009F3/ SR-1009F7))

Input voltage: 12-36VDC

Output voltage: 12-36VDC

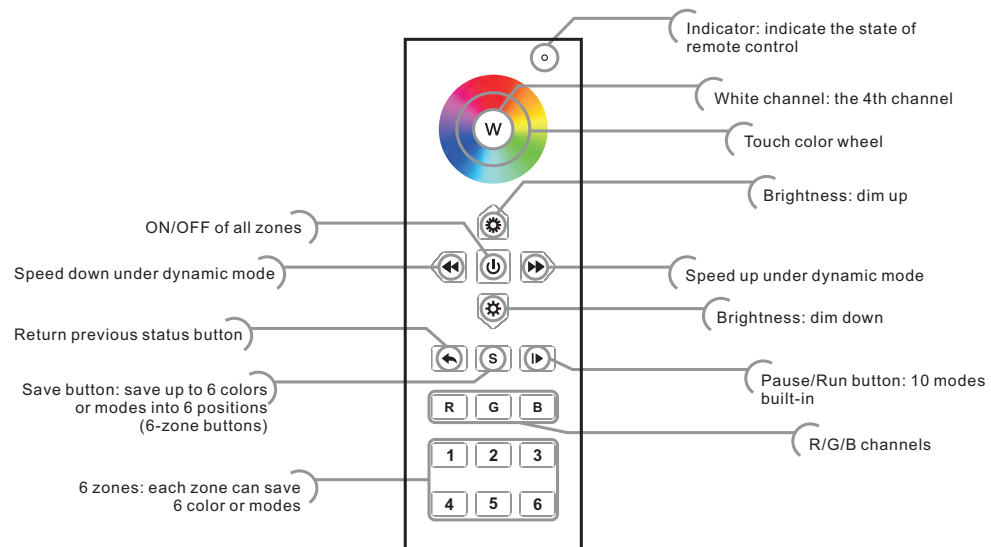
SR-1009FA: 4 channels x 5A, 4channels x (60-180W)

SR-1009F3: 4 channels x 350mA, 4 channels x (4.2-12.6W)

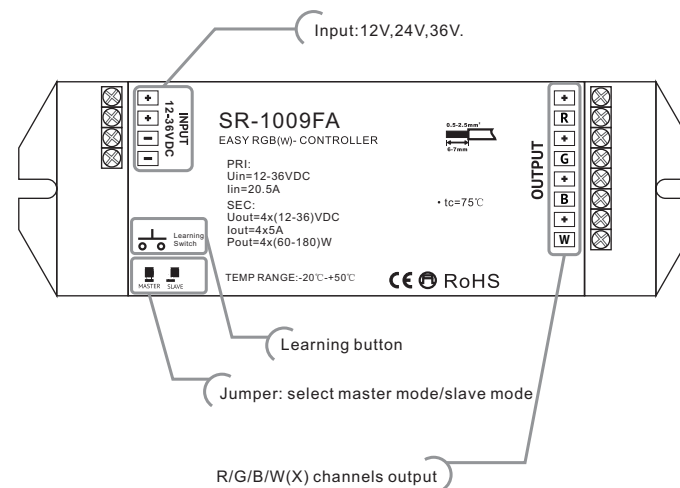
SR-1009F7: 4 channels x 700mA, 4 channels x (8.4-25.2W).

Brief introduction of buttons

Remote

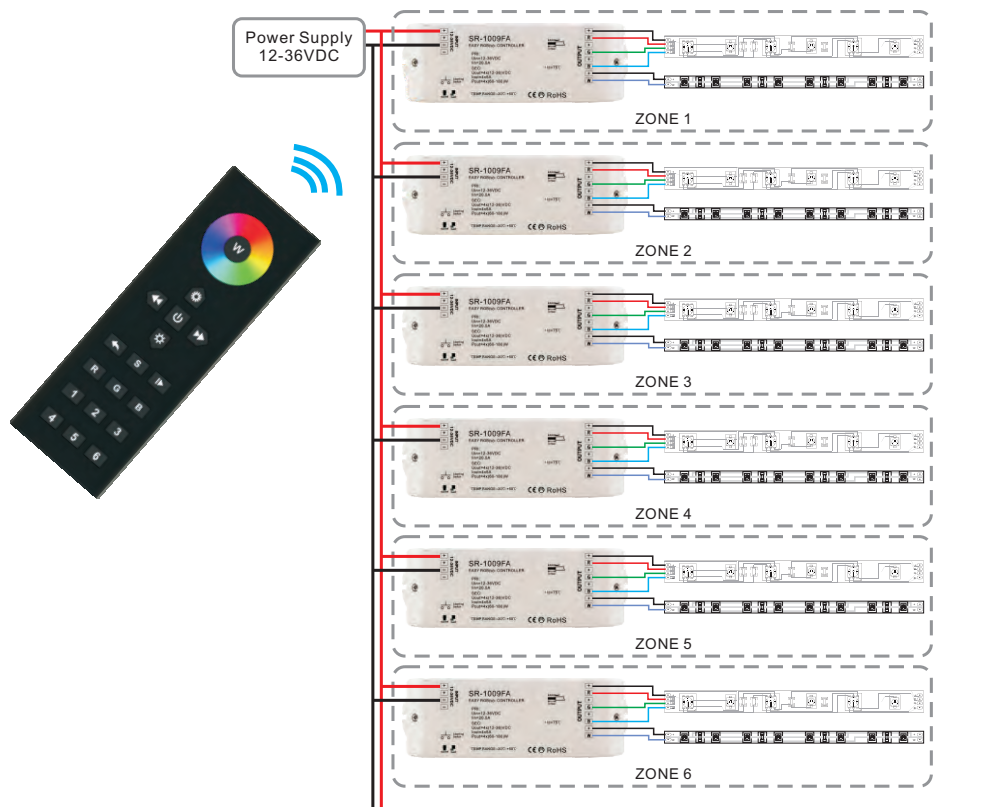


Receiver



Note: For constant voltage receiver, the anode output is shared. but for constant current receiver, the anode output is not shared. So anode and cathode output should connect separately.

Wiring Diagram



Operation

1. Do wiring according to connection diagram and install battery into remote control.

2. How to learn&delete ID process?

- Wake up the remote by any button except touch color wheel.
- Press at learning button on receiver.
- Press any zone button(which you desire to control) on remote.
- Then touch color wheel.
- Connected LED light will blink to confirm zone designation.
- Press learning button on receiver for over 5 seconds until connected LED light flash off, then delete the learned ID. If you want to learn receiver into another zone, please follow learning ID process operation 2.

Note: To choose a master from slaves by jumper for each zone.

Short circuit for master.

Open circuit for slave.

Each zone only can set 1 slave to be master. After a period of time, the master will do synchronization operation to keep the same color or mode of all slaves in one zone.


3.How to operate R/G/B/W channels?

- Short press on R/G/B/W button **R G B W** is for switch on of R/G/B/W channel. Short press on R/G/B/W button again, it's for switch off of R/G/B/W channel.


Note: If you press R, press B channel, it's the color of "R" and "B". If you want to get blue color only, please press R button again to switch off of this color.

- Long press on R/G/B/W button is for dimming up of R/G/B/W channel. Long press again on R/B/B/W button, it's for dimming down.





4.How to choose color by color wheel?

- Touch color wheel , you can get any color you want.
- Color wheel can work with S button **S**, it can save colors into different zone. Please view below point (8).


5.How to choose mode?

- Press pause&run button , mode will run. Press it 1 time, it runs one mode. Press button again, it stops, then press one more time, it will enter next mode. There are total 10 build-in modes.
- Pause&run button can work with S button **S**, it can save modes into different zone. Please view below point (9).

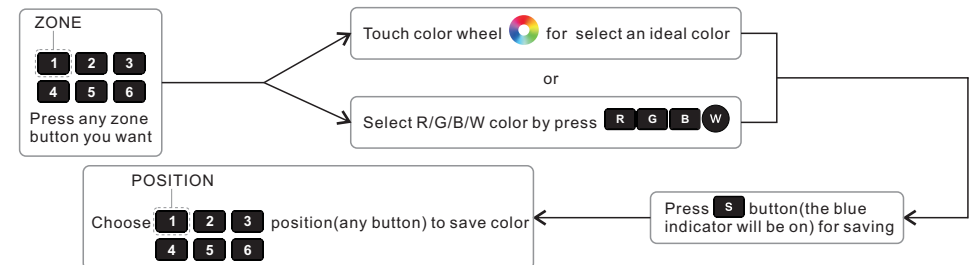
6. How to dim brightness and adjust speed of all channels or each channel?

- Under static color or dynamic mode, press button  to dim brightness of all channels.
- Under dynamic mode, press button  to speed down or up.
- Press zone button, under static color or dynamic mode, press  to dim brightness of certain zone.
- Press zone button, under dynamic mode, press  to speed down or up of certain zone.

7. How to return previous color or mode?

- Press button , you can get previous color or mode.

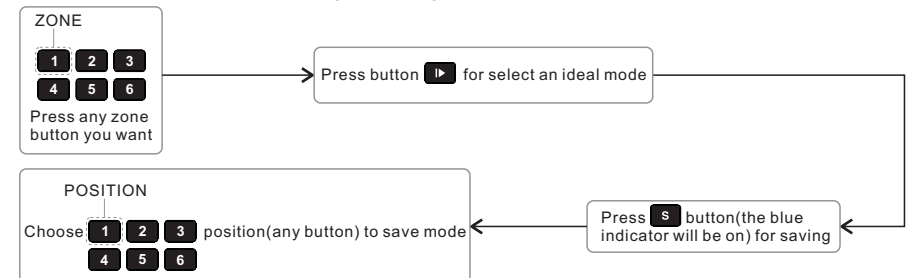
8. How to save color into different position per zone?



For example, press zone button 1, then touch color wheel for orange color, then press S button (the blue indicator will be on), then choose position button 3. That's to say, we save orange color from zone 1 into position 3.

So each zone can save 6 colors. 6 zones can save 36 colors.

9. How to save mode into different position per zone?



10. How to recall color or mode?

Press zone button which color or mode saved into, then press S button, then press the position button which color or mode saved into.